

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	702/35.ccls. and decompose\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 13:28
L2	0	702/47.ccls. and decompose\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 13:28
L3	0	702/100.ccls. and decompose\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 13:50
L4	0	702/282.ccls. and decompose\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 13:28
L5	1	"702"/\$.ccls. and decompose\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 13:28
L6	0	73/861.356.ccls. and decompose\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 13:29
L7	0	73/1.72.ccls. and decompose\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 13:29
L8	1	"73"/\$.ccls. and decompose\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 13:30

## EAST Search History

L9	0	703/5.ccls. and decompose\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 13:30
L10	0	703/9.ccls. and decompose\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 13:30
L11	0	"703"/\$.ccls. and decompose\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 13:30
L12	19	decompose\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 14:19
L13	0	702/182.ccls. and decompose\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 14:55
L14	16	decompose\$3 and group\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 14:21
L15	1	(decompose\$3 and group\$3 and (valve with defect\$3) and resolution).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 14:21
L16	0	700/282.ccls. and decompose\$3 and (valve with defect\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 14:55

## EAST Search History

S1	176	valve and (flow adj rate) and wavelet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 10:44
S2	0	(valve near defect) and (flow adj rate) and wavelet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/17 12:00
S3	6	(valve near defect) and wavelet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/29 11:40
S4	32	73/861.356.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/29 11:50
S5	343	valve near defect	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/29 11:51
S6	42	(valve near defect) and (flow adj rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/29 11:53
S7	60001	valve and regulator and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/29 11:53
S8	51	(valve and regulator and flow) and wavelet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/29 13:12
S9	0	valve and (wavelet near packet near transformation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/29 13:13
S10	529	valve and wavelet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/29 13:13

## EAST Search History

S11	163	(valve and wavelet) and resolution	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/29 13:25
S12	100	(valve and wavelet) and decomposition	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/29 14:18
S13	53	(flow near control) and valve and wavelet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/29 14:19
S14	2	((flow near control) and valve and wavelet) and defect	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/29 14:19
S15	8	singularity and wavelet and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 14:15
S16	531	wavelet and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 14:15
S17	176	(wavelet and valve) and (flow adj rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 09:23
S18	6	valve and wavelet and singularity and threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 12:32
S19	25	pump and wavelet and singularity and threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 12:32
S20	72	73/1.72.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 10:14

## EAST Search History

S21	6	703/5.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 10:15
S22	29	703/9.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 10:16
S23	77	702/47.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 10:21
S24	111	702/100.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 10:23
S25	395	700/282.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 10:23
S26	38	702/35.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 12:15
S27	51	702/35.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 17:28
S28	87	702/47.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 10:44
S29	126	702/100.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 10:45
S30	440	700/282.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 10:45

## EAST Search History

S31	6	703/5.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 10:45
S32	38	703/9.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 10:45
S33	32	73/861.356.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 10:45
S34	78	73/1.72.ccls. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 10:45
S35	1	702/35.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/16 12:41
S36	0	702/47.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 09:27
S37	0	702/100.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 09:27
S38	7	"702"/\$.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 09:38
S39	0	73/1.72.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 09:38
S40	0	73/861.356.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 09:39

## EAST Search History

S41	2	"73"/\$.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 09:39
S42	1	703/5.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 09:39
S43	0	703/9.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 09:39
S44	4	"703"/\$.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 09:40
S45	0	700/282.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 09:40
S46	10	"700"/\$.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 09:40
S47	187	(decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 09:57
S48	1	(decomposing\$4 and resolution and defect\$4 and valve).CLM.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 09:57
S49	1	702/35.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:24
S50	0	702/100.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/16 12:42

## EAST Search History

S51	0	702/47.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/16 12:42
S52	7	"702"/\$.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/16 12:42
S53	0	73/861.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/16 12:44
S54	0	73/861.356.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/16 12:44
S55	0	73/1.72.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/16 12:44
S56	3	"73"/\$.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/16 12:44
S57	1	703/5.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/16 12:45
S58	0	703/9.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/16 12:45
S59	4	"703"/\$.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/16 12:45
S60	0	700/282.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/16 12:45



## EAST Search History

S61	12	"700"/\$.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/16 12:45
S62	1	702/35.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:29
S63	7	"702"/\$.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:27
S64	0	73/861.356.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:29
S65	0	73/1.72.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:29
S66	0	702/47.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:29
S67	0	702/100.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:30
S68	1	703/5.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:30
S69	0	703/9.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:30
S70	0	700/282.ccls. and (decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:30

## EAST Search History

S71	231	(decomposing\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:31
S72	0	(decomposing\$4 and groupng\$4 and resolution and defect\$4 and valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 15:31
S73	2	"20050107962"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/17 13:10